

MMUSY - LOS4 To Chitra Varama via Poyalkkela-0%4

Ag. No. 61 SBD / 2020 - 2021

Schedule XLV-Form No. 134

Shergathi

DIVISION

Mohan pin

SUB-DIVISION

Satyendra Kumar

Measurement Book

1263

Name of work—

Situation of work—

Agency by which work is executed—

Date of measurement—

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Ist on Alc Bell

Name of work:- 2054 To
Chitra vishrama Veda Potal
Kala.

Agency - Satendra Kumar
at Shikariya, Dumas 99.

Agreement No - 51 SBD/2020/2

Date of w/o:-

Date of completion:-

Date of measurement:- 2/3/21

1. Construction of

Bench mark:-

$$38 \times 25 = 950 \text{ m}$$

$$1 \times 14 = 14 \text{ m}$$

$$964 \text{ m}$$

$$\text{or} - 0.964 \text{ km}$$

2. clearing and grubbing
Road land.

$$38 \times 25 \text{ m} \times 7.0 = 6650 \text{ m}^2$$

$$14 \times 7.0 = 98.0 \text{ m}^2$$

$$6748 \text{ m}^2$$

$$\text{or} - 0.6748 \text{ Hectare}$$

3. Construction of embankment with approved material as per spec with lead 100m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
38 x 25 x 5.5 x 0.30					1567.50m ³
1 x 10m x 5.5 x 0.30					16.50m ³
					1584m ³

4. Construction of Subgrade and earthen shoulder With approved material obtained from Borrow pits.

$$27 \times 25 \times 6.5 \times 0.45 = 1974.38m^3$$

$$1 \times 4m \times 6.5 \times 0.45 = 11.70m^3$$

Earthen shoulder (Side of m.c.B)

$$2 \times 27 \times 25 \times 1.33 \times 0.20 = 359.10m^3$$

$$2 \times 4m \times 1.33 \times 0.20 = 2.13m^3$$

Earthen shoulder (Side of

(m.s.B. in c.p. portion)

$$2 \times 11 \times 25 \times 1.62 \times 0.10 = 89.10m^3$$

$$2 \times 10 \times 1.62 \times 0.10 = 3.24m^3$$

$$2439.65m^3$$

5. Construction granular sub-base by providing well graded material as per specification.

$$8 \times 25m \times 4.05 \times 0.20 = 162m^3$$

$$2 \times 30m \times 4.05 \times 0.20 = 48.60m^3$$

$$20 \times 20m \times 4.05 \times 0.20 = 324m^3$$

$$1 \times 19m \times 4.05 \times 0.20 = 15.39m^3$$

$$8 \times 25m \times 4.05 \times 0.15 = 121.50m^3$$

$$3 \times 25m \times 4.05 \times 0.15 = 45.56m^3$$

$$1 \times 10m \times 4.05 \times 0.15 = 6.08m^3$$

Continuation Total: 723.13m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		<u>C.D. Work</u>			
1000mm dia 3 No -					
6. Earth work in excav of found ⁿ of structure as per drawing and tech nical sph ⁿ .					
E/W: $3 \times 2 \times 6.30 \times 1.4 \times 1.5 = 79.38 \text{ m}^3$					
Pipe posting: - $3 \times 5.9 \times 1.5 \times 0.30 = 7.97 \text{ m}^3$					
					87.35 m ³
7. Providing plain con crete in open found ⁿ Complete as per drawing and technical sph ⁿ					
Face Wall above levelling base.					
$3 \times 2 \times 6.30 \times 1.4 \times 0.15 = 7.94 \text{ m}^3$					
8. Providing plain concrete in open found ⁿ - Complete as per drawing and technical sph ⁿ					
E/W in found ⁿ -					
$3 \times 2 \times 6 \times 1.025 \times 1.35 = 49.82 \text{ m}^3$					
Below Pipe: - $3 \times 5.9 \times 1.5 \times 0.25 = 6.64 \text{ m}^3$					
					56.46 m ³
9. Plain Cement concrete in sub structure as per drawing and technical sph ⁿ .					
E/W: - $3 \times 2 \times 6 \times 0.533 \times 1.8 = 34.54 \text{ m}^3$					
Continuation					
$3 \times 2 \times 6 \times 0.4 \times 0.60 = 8.64 \text{ m}^3$					
					43.18 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				18/11-	43.18m ³
deduct pipe post & op:-					
				$3 \times 2 \times 3.14 / 4 \times (1.2)^2 \times 0.60 \times 2$	4.08m ³
					39.10m ³
10. Paving and laying 150 mm brick concrete cycle pipe 1000 mm dia.					
				$3 \times 3 \times 2.5 =$	22.50m
11. Filling in form & 1/2 trenches as per drawing and feeding of specimens					
				$F/W - 3 \times 2 \times 6 \times 0.405 =$	14.58
				$Around pipe - 3 \times 6 \times 30 \times 1.5 \times 0.90 =$	25.52m ³
					40.10m ³
Deduct pipe post & op:-					
				$3 \times 6 \times 30 \times 0.90 =$	47.11m ³
					22.99m ³
12. Construction of reference Pillar Quantity same as item No-①, Refe-① - 0.964 Km					
10. 2/3/21 J.E					
				2/3/21 J.E	

2/3/21
J.E.

WRB 41,968 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13/12 RS.	41968 41968=
4. Construction of embankment with approved material obtained from Borrow Pits with Lead-100m.					
Quantity vide Refe- (2)					
1584 m ³ @ RS. 139.79/m ³					RS. 221427=
5. Construction of sub grade and earthen shoulder with approved material					
Quantity vide Refe- (2), 2439.65 m ³					
@ RS. 183.51/m ³					RS. 447,700=

6. Construction of granular sub base with Well graded material					
Quantity vide Refe- (2)					
723.13 m ³ @ RS. 2072.04/m ³					RS. 1498354=

C.D. Work

7. Earth work in excavation of foundation of structure					
Quantity vide Refe- (3)					
87.35 m ³ @ RS. 294.73/m ³					RS. 25745=
8. Providing Plain concrete in open foundation					
Quantity vide Refe- (3), 7.94 m ³					
@ RS. 4617.60/m ³					RS. 36664=

Continuation C.R. 2271858

